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Concl.

a sledge (4) for moving an optical pickup unit, a tilt platform (5) for changing said inclination of said recording surface, a tilt adjusting means (9) for adjusting said tilt platform (5), and a tilt control means (10) for controlling said sledge (4) and said tilt adjusting means (9).

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7. (amended) An optical disc player comprising a tilt control device as claimed in claim 1.

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Cont.

10. (amended) A method according to claim 10, characterized in that said calibrating step comprises measuring said focus controlling output at a rotation point between a tilt frame defined by a tilt platform (5) and said optical disc (1), adjusting said tilt platform (5) until the same focus controlling output is obtained at a first predetermined distance outward from said rotation point, and using a focus controlling output obtained at a second predetermined distance inward from said first predetermined distance as said output offset of said tilt detecting means (3) for said optical disc (1).

11. (amended) A method according to claim 10, characterized in that

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Cond. said second predetermined distance corresponds to the half of said first predetermined distance.

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14. (amended) A device according to claim 14,
characterized by
a sledge (4) for moving an optical pickup unit, a tilt platform (5)
for changing said inclination of said recording surface, a tilt
adjusting means (9) for adjusting said tilt platform (5), wherein
said tilt control means (10) is arranged to control said sledge (4)
and said tilt adjusting means (9) so as to perform said
measurements.

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16. (amended) An optical disc player comprising a tilt control
device as claimed in claim 14.

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20. (amended) A method according to claim 21,
characterized in that
said adjusting step comprises measuring said focus controlling
output at said at least two different radial positions at said two
different radial tilt positions, and adjusting said tilt platform
(5) based on the mean radial tilt obtained for said two
predetermined tilt frame positions in between said at least two
different radial positions.
